REPLACEMENT ABSTRACT

ABSTRACT OF THE DISCLOSURE

A secure medical records maintenance system including a first server that stores patient identification information indexed by patient identification numbers (PINs) and a second server that stores patient medical data indexed by medical record identification numbers. For security purposes, the medical data maintained in the second remote server cannot be correlated to the associated patient identification information maintained in the first server based on the information contained in the servers. A correlation table uniquely associating each medical record identification number with a particular one of the patient identification numbers is used to allow correlation of the databases . The correlation table for a particular patient typically resides on a patient's removable memory storage device (smartcard). The correlation table for a practitioner's patients may also reside on the practitioner's computer, which is associated with the licensed medical practitioner having an assigned professional registration number.